

Message Text

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PAGE 01 STATE 036555
ORIGIN NASA-02

INFO OCT-01 EUR-12 ISO-00 OES-07 /022 R

DRAFTED BY NASA/LI-15/BGGARNER:SS
APPROVED BY OES/APT/SA:RBEDDINGTON
NASA/RO-10/KEHODGE

-----119542 110421Z /64

P R 110023Z PEB 78
FM SECSTATE WASHDC
TO AMEMBASSY OTTAWA PRIORITY
INFO AMCONSUL MONTREAL
LANGLEY RESEARCH CEN/ATTN: TCV OFFICE HAMPTON VA

UNCLAS STATE 036555

E.O. 11652:N/A

TAGS: TSPA

SUBJECT: CLEARANCE REQUEST FOR NASA B-737 AIRCRAFT

1. AT REQUEST OF U.S. FEDERAL AVIATION ADMINISTRATION (FAA), NASA PLANS DEMONSTRATION OF U.S. CANDIDATE MICRO-WAVE LANDING SYSTEM (MLS) TO THE INTERNATIONAL CIVIL AVIATION ORGANIZATION (ICAO) AT MONTREAL DURING PERIOD OF MARCH 20 - APRIL 21, 1978. ADVANCED DISPLAY, NAVIGATION AND CONTROL SYSTEMS ON-BOARD NASA TERMINAL CONFIGURED VEHICLE (TCV) B-737 WILL BE UTILIZED IN CONJUNCTION WITH FAA SPONSORED MLS GROUND SYSTEM TO PERFORM AUTOMATIC PRECISION CURVED APPROACH INTO A SHORT FINAL APPROACH AND AUTOMATIC LANDING AND ROLL-OUT UNDER MLS GUIDANCE.

2. AIRCRAFT IS NASA-OWNED AND OPERATED B-737; REGISTRY NUMBER N515NA, CALL SIGN NASA 515.

UNCLASSIFIED

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PAGE 02 STATE 036555

3. AIRCRAFT IS EQUIPED WITH ADVANCED DISPLAY, NAVIGATION AND FLIGHT CONTROL SYSTEMS WHICH WILL BE OPERATED ENROUTE AND IN VICINITY OF MONTREAL IN COURSE OF DEMONSTRATIONS. FORWARD LOOKING TV CAMERA USED FOR LANDING

ASSESSMENT WILL BE USED DURING DEMONSTRATIONS BUT NOT

ENROUTE.

4. AIRCRAFT WILL BE FERRIED FROM LANGLEY FIELD, VIRGINIA TO MONTREAL (DORVAL AIRPORT) O/A MARCH 20, 1978 RETURNING O/A APRIL 21, 1978. AIRCRAFT WILL FLY NORMAL CIVIL AIRWAYS TO AND FROM MONTREAL. PLANNED ROUTING IS SID ISLAND 1 TO COYLE, J-79 TO KENNEDY, J-37 TO ALBANY, J-75 TO PLATTSBURGH AND MONTREAL.

5. AIRCRAFT WILL PERFORM CHECKOUT FLIGHTS OF MLS EQUIPMENT IN VICINITY OF MONTREAL DURING MARCH 20 - 28. DAILY DEMONSTRATION FLIGHTS PLANNED FOR MARCH 29 - APRIL 21 PERIOD OF ONE AND ONE HALF HOUR DURATION BETWEEN 1,000 AND 1,500 HOURS. FINAL DETAILS OF SCHEDULE, TIMES AND FLIGHT PATTERNS BEING WORKED OUT WITH FAA AND WILL BE COORDINATED WITH LOCAL AIR TRAFFIC CONTROL OPERATORS.

6. CREW OF 30 WILL ACCOMPANY AIRCRAFT TO MONTREAL AND RETURN. REMAINDER OF SUPPORT PERSONNEL WILL TRAVEL BY COMMERCIAL AIR. ALL CREW PERSONNEL ARE U.S. CITIZENS.

7. PLEASE OBTAIN OVERFLIGHT AND STAGING CLEARANCES AND ADVISE. VANCE

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NNN

*** Current Handling Restrictions *** n/a

*** Current Classification *** UNCLASSIFIED

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 jan 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: AIRCRAFT, AIRPORTS, FLIGHT CLEARANCES, MICROWAVE EQUIPMENT
Control Number: n/a
Copy: SINGLE
Draft Date: 11 feb 1978
Decaption Date: 01 jan 1960
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 jan 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1978STATE036555
Document Source: CORE
Document Unique ID: 00
Drafter: 15/BGGARNER:SS
Enclosure: n/a
Executive Order: n/a
Errors: n/a
Expiration:
Film Number: D780063-0859
Format: TEL
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1978/newtext/t197802115/aaaafqum.tel
Line Count: 89
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON MICROFILM, TEXT ON-LINE
Message ID: 84c321cf-c288-dd11-92da-001cc4696bcc
Office: ORIGIN NASA
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 2
Previous Channel Indicators: n/a
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: n/a
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 02 mar 2005
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 3463767
Secure: OPEN
Status: <DBA CORRECTED> gwr 970828
Subject: CLEARANCE REQUEST FOR NASA B-737 AIRCRAFT
TAGS: TSPA, CA, US, NASA
To: OTTAWA
Type: TE
vdkgvwkey: odb://SAS/SAS.dbo.SAS_Docs/84c321cf-c288-dd11-92da-001cc4696bcc
Review Markings:
Sheryl P. Walter
Declassified/Released
US Department of State
EO Systematic Review
20 Mar 2014
Markings: Sheryl P. Walter Declassified/Released US Department of State EO Systematic Review 20 Mar 2014